REMOTE TERMOMETER TE 219 LED

USER MANUAL

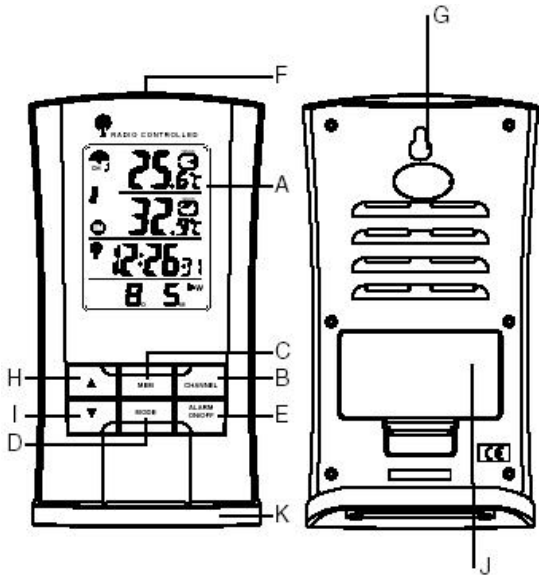
INTRODUCTION

Thank you for purchasing this unit with indoor thermometer, wireless thermometer sensor and radio-controlled clock. This device is also equipped with calendar, weekday display and dual alarms.

⚠ Please read this instruction manual carefully, to ensure proper operations.
Save it for future reference!

Description of REMOTE TERMOMETER TE 219 LED

Main unit:



A FOUR-LINE DISPLAY
Displays remote and indoor temperatures, calendar and clock

B CHANNEL BUTTON
Selects between different sensors

C MEMORY [MEN] BUTTON
Recalls the maximum or minimum temperature of main and remote unit

D MODE BUTTON
Toggles the display modes and confirms entry while setting the values for display

E ALARM BUTTON
Displays the alarm time or sets the alarm status

F SNOOZE/LIGHT BUTTON
Activates the snooze and backlight functions

G WALL-MOUNT RECESSED HOLE

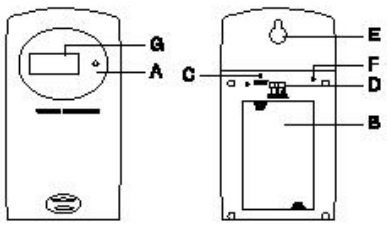
H [▲] BUTTON
Advances the value of a setting

I [▼] BUTTON
Decreases the value of a setting

J BATTERY COMPARTMENT
Accommodates 2 AA-size batteries

K REMOVABLE TABLE STAND
For standing the main unit on a flat surface (detachable)

Remote sensor:



A LED INDICATOR
Flashes once when the remote unit transmits a reading
Flashes twice when low battery is detected on sensor unit

B BATTERY COMPARTMENT
Accommodates 2 AA-size batteries

C [RESET] Button
Press to reset all settings

D CHANNEL SELECTOR
Select the channel before you install batteries

E WALL-MOUNT RECESSED HOLE

F [°C / °F] Button

G LC-Display

Battery Installation

⚠ **Please insert batteries into the RF remote sensor first, then into the main unit!**

REMOTE UNIT
a. Use a small Phillips screwdriver to remove the screws on the battery compartment.
b. Select the channel.
   Note: If you want to use more than one remote sensor, each sensor must be designated a separate channel.
c. Insert 2 pcs. of AA size batteries according to the "+" and "-" polarity marks shown in the battery compartment.
d. Replace the battery compartment door and secure its screws.

MAIN UNIT
a. Open the battery compartment door.
b. Insert 2pcs of AA size batteries according to the "+" and "-" polarity marks shown in the battery compartment.
c. Replace the battery compartment door.

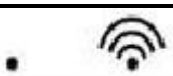
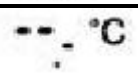
The main unit is equipped with low battery indicators w for main unit and for the remote sensor(s). If the symbol w is displayed, remove the correspondent batteries.

Positioning the remote unit
1. Place the main unit as close as possible next to the remote unit.
2. Position the remote unit and main unit within effective transmission range, which is up to 30 meters.
3. Note that the effective range is vastly affected by the building materials and where the main and the remote units are positioned. Try various set-ups for best result.
4. Though the housing of the sensor is weather proofed, we recommend to place it out of direct sunlight and protected against rain and snow.

Display the indoor and outdoor temperature
Once batteries are placed, the remote unit will start transmitting temperature readings at around 45 seconds intervals. The main unit will also start searching for signals for about two minutes once batteries are installed. Upon successful reception, the outdoors temperatures will be displayed on the top line (at the left side the number of channel) and the indoors temperature on the button line. The main unit will automatically update its readings at about 45-second intervals.
If no signals are received, blanks " **--,-**" will be displayed.
Hold [▲] for 2 seconds to enforce another search for about 2 minutes.
Repeat this step whenever you find breakdowns.

If the temperature goes above or below than the temperature measuring range of the main unit or the remote unit (stated in specification), the display will show " **-- ,-"**

The display shows the signal receiving status. There are three possible forms:

The unit is in searching mode	
Temperature readings are securely registered	
No signals	

Trend Display for Temperature
Following icons show the tendency of temperature during the last minutes.

Icon			
Temperature Trend	rising	steady	falling

Max/Min Temperature

The maximum and minimum recorded indoor and outdoor temperatures will be automatically stored in memory.

a. To display indoor temperature: press **[MEM]** button once to display the maximum temperature (MAX) and again to display the minimum temperature (MAX).
b. To display outdoor temperature(s): press **[CHANNEL]** button to select the channel. Press **[MEM]** button once to display the maximum temperature (MAX. and again to display the minimum temperature (MAX).
c. To clear the memory, hold down **[MEM]** button for two seconds.

DCF 77 Radio controlled clock

After the batteries are inserted the clock will automatically search for the radio signal (DCF77). This process is completed within app. 3 to 5 minutes.

As soon as the radio signal has been received the time will be displayed. The symbol will appear. If there is no radio signal received, the symbol turns off. You can set the time manually.

Calendar and clock display mode

The calendar is displayed in a day-month format.

Each press on the **[MODE]** button will change the display between clock with second, clock with day of week, 2nd time zone with day-month, 2nd time zone with second.

How to set time manually

- Hold **[MODE]** button for two seconds. The year will be displayed. Use [▲] or [▼] to change it. Press **[MODE]** button to confirm.
- During the setting, press and hold [▲] or [▼] will increase or decrease the value rapidly
- Repeat the same procedure to set the month, date, date-month format, 12/24, hour, minute, display language, zone time offset and °C/°F.
- For display language, you can choose among English (EN), German (DE), French (FR), Italian (IT) and Spanish (SP).
- When you finished the settings, press **[MODE]** to exit. The display will return to the clock mode.

How to set alarm

The unit is equipped with 3 alarm features:

- Daily alarm (icon W): alarm sounds daily, if it is activated
- Single Alarm (icon S): Once it finished, it will be disabled automatically
- Pre-Alarm (PRE-AL): sound will be activated, if outdoor temperature under or equal 0°C. It is programmable 15, 30, 45, 60 or 90 minutes earlier than the weekday alarm or single alarm time.

a. Press **[ALARM]** button once to display alarm time. If the alarm is deactivated, it shows “OFF”.
b. Hold **[ALARM]** for two seconds. The hour digits will blink.
c. Use [▲] and [▲] button to enter the hour value, press **[ALARM]** button to confirm and go to the minute digits.
d. Use [▲] and [▲] button to enter the minute value, press **[ALARM]** button to confirm
e. Once the alarm setting is completed, the alarm will be automatically activated and the corresponding icon W will be displayed.

You can repeat the above procedures for the second alarm (icon S).

You can also set the Pre-Alarm.

How to stop alarm
Press **[ALARM]** button to stop the alarm.

Alarm and "Snooze-Function"
- When the alarm sound is on, press the **[SNOOZE • LIGHT]** button to enter snooze mode. After 8 minutes, it alarm sound will be wake up automatically. The snooze cycle will be restart if you press the snooze key again.
- If you leave the alarm sound on for 2 minutes, it will enter snooze mode automatically with maximum 3 times.

Deactivating / Activating the alarm
- Press **[ALARM]** button (repeatedly) to select the alarm- mode.
- Press [▼] to deactivate and [▲] to activate these alarm.

Backlight
Press **[SNOOZE • LIGHT]** button to turn on the backlight for 5 seconds.

Maintenance
- Do not clean the main unit/RF remote sensor with abrasive or corrosive substance.
- Do not immerse the main unit/RF remote sensor in water.
- Do not subject the main unit/RF remote sensor to excessive force, shock, dust, temperature, heavy rain or to direct sunlight.

⚠ The main unit and the RF remote sensor contain no user-serviceable parts!
Do not modify or temper with the internal components of the main unit/RF remote sensor. Doing so invalidates its warranty!

Important Note
1. The above content and the devices are subject to changes without prior notice.
2. The manufacturer and its suppliers hold no responsibility to you or no any other person for any damage expenses, lost profits, or any other claims arisen by improper handling, misuse or failure to comply with the correct use of this product as described in this instruction manual.

Specifications

Main Unit Operating Temperature Range:	-5°C - +50°C (+23°F - +122°F)
RF Remote Sensor Operating Temperature Range	-10°C - +50°C (14°F - +122°F)
Temperature Resolution:	0,1°C (0,2°F)
RF Transmission Frequency:	433MHz
RF Transmission Range:	100 feet (30 meters), open area
Max. number : RF Remote Sensor	3
Power supply Main Unit	DC 3V, 2 x AA size
Power supply RF Remote Sensor:	DC 3V, 2 x AA size
Weight:	
Main Unit	170g (without batteries)
RF Remote Sensor	60g (without batteries)
Dimensions:	
Main Unit	84 x 156 x 28 mm
RF Remote Sensor	55,5 x 101 x 24 mm

R&TTE Compliance Note

This product contains the approved transmitter and complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directives, if used for its intended use and the following standard(s) has/have been applied:

Electromagnetic compatibility (Article 3.1.b of the R&TTE Directive)
applied standard(s) **EN 301 489-1,3:2000**

Efficient use of radio frequency spectrum (Article 3.2 of the R&TTE Directive)
applied standard(s) **EN 300 220-1,3:2000**

Electromagnetic compatibility
applied standard(s) **EN 300 339 : 1998**

Low Voltage Directive
applied standard(s) **EN 60950-1 : 2001**
applied standard(s) **EN 50371 : 2002**

The product is therefore conform with the EMC Directive 89/336/EC and R&TTE Directive 1999/5/EC (appendix II).

QA MANAGER : H.Y.WANG
K.S plastic factory
Guan Lan / Shen Shen / China

CE

RTTE Compliant Countries: All EU countries, Switzerland CH and Norway N

Important Notes

Precautions with regard to batteries
Batteries can be highly dangerous, if swallowed.

Therefore it is necessary to keep the batteries and the appliance out of reach of small children. If a battery has been swallowed, seek medical advice immediately.

Always remove batteries as soon as they are empty, as they might leak and cause damage. Please replace always all batteries at the same time.

The batteries provided must not be charged or re-activated by any other means! They must not be dismantled, thrown into fire or short-circuited!

Batteries need to be disposed off properly. For this purpose, shops selling batteries provide special containers for environmentally friendly disposal. Furthermore, empty batteries will be taken back at public waste collection points.

Waste Management:

At the end of the life cycle of the blood pressure monitor please make sure, that it is disposed off properly. The waste management of this unit has to be in line with the national law transferring the WEEE-directive of the European Union into national law of the country where you are living.

GUARANTEE

Within the guarantee period of 24 months, effective from the date of purchase, repairs of this device will be done free of charge, if the defect is caused by material defects or errors in the manufacturing process. During the guarantee period the defective unit can be returned to the beneath mentioned service address. You will either receive a new or repaired unit free of charge, if the guarantee applies.

If the guarantee period is run out you have also the possibility to return a defective unit to the beneath mentioned address for repair. These repairs will be charged accordingly.

The guarantee does not apply for defects caused by improper treatment of the unit, as e.g. breaking as a consequence of a hard fall or improper use due to the fact that the instruction booklet was not studied carefully. The guarantee does also not apply, if unauthorized persons or companies have tried to repair a defective unit.

If you have to apply unfortunately for a guarantee please contact beneath mentioned telephone number or send the defective unit to the beneath mentioned service address. Please take care that following information is included in your mail:

1. Description of the defect
2. Invoice with date of purchase

Defective units without this information will be repaired at your expense and returned to the sender by cash on delivery.

Service:
SBC Buchsbaum GmbH
Franzensgasse 26 / Top I
A-1050 Wien

phone: +43-1- 585 5838
facsimile: +43-1- 585 5935
E-Mail: office@SBC-Buchsbaum.at

Manufacturer:
Hideki Electronics Limited
88 Lei Muk Road,
Kwai Chung, N.T.
Hongkong

Importer into the EU:
SBC Buchsbaum GmbH
Franzensgasse 26 / Top I
A-1050 Wien